

Animas River Sediment Concentrations

25 Sept 2014

samples collected by Rob Runkel, using the methods of Axtmann/Luoma/Cain/Hornberger/Fuller

see Runkel emails of July 29 & 30, 2015

Sediment Concentration (mg/kg)

Element & wavelength:	Ag3280	Al3961	As1890	Ca3158	Cd2288	Co2286	Cr2677	Cu3247
Dilution:	1:5	1:50	1:5	1:5	1:5	1:5	1:5	1:5
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Site sample-subsample:								
A68 1-1	8.18632	6050.40504	32.59226	221.60216	14.64356	16.38794	11.67507	549.54995
A68 1-2	7.69740	4694.64384	30.40475	763.66648	13.86472	14.65323	9.89398	333.72170
A68 2-1	8.21047	3427.03478	33.17103	129.40122	16.25636	16.95124	10.67910	584.79025
A68 2-2	9.64111	10101.05319	37.49020	13.83815	18.62952	18.72470	12.80949	586.43648
A68 median	8.19839	5372.52444	32.88164	325.50169	15.44996	16.66959	11.17708	541.63583
A72 1-1	4.13133	4011.25704	34.35647	346.90432	1.27205	10.97561	4.58161	199.47467
A72 1-2	4.55852	8786.66667	37.41259	197.25926	1.36	11.78667	5.72963	212.68889
A72 2-1	5.10420	7226.42176	40.16107	219.85164	1.94560	27.26245	6.16107	243.68068
A72 2-2	4.81640	6129.68897	38.72347	163.84543	1.90349	25.84128	5.84505	238.80113
A72 median	4.68746	6678.05537	38.06803	130.55234	1.63174	18.81397	5.78734	225.74501

Fe2599	K_7664	Mg2852	Mn2576	Na8183	Ni2316	Pb2203	Ti3361	V_3102	Zn2138
1:50	1:5	1:5	1:50	1:5	1:5	1:50	1:5	1:5	1:50

748.87489138.97390291.98920127.99280189.95500 14.61296222.59226173.51935 46.07291319.08191
330.48040155.77029794.64384203.75483147.29431 13.27333126.44948131.13749 39.99834285.31198
402.29473156.57942246.53998372.92937179.09645 15.14091240.34779120.98100 42.88096178.80961
111.31849786.85509212.47834172.25703538.89615 16.71217359.13878138.15758 49.41581589.24143

789.67764797.77666269.26459550.46108184.52572 14.87694231.47003134.64754 44.47693348.94576

181.98874127.01689565.10319588.55535371.93246 4.78424567.65478 55.53096 31.20450197.11069
555.55556532.07407132.14815794.44444177.04444 5.02444588.94074 83.36296 39.54074168.84444
127.90533228.68244176.72201324.76157315.75415 5.77676756.74320 72.75592 38.62381111.03497
187.55891379.07634183.84543234.77851377.52686 5.70085726.59378 68.27559 35.80094179.60415

104.94704153.87939157.99679114.61148143.84330 5.36265707.76726 70.51575 37.21238104.07283